

 <p>Financial Assistance Award</p> <p>DENALI COMMISSION 510 L Street, Suite 410 Anchorage, Alaska 99501 (907) 271-1414 (phone) (907) 271-1415 (fax) www.denali.gov</p>		Award Number	01529-00		
		Award Title	Emergency Erosion Protection & Flood Mitigation Planning		
		Performance Period	September 30, 2017 through December 31, 2018		
Authority 112 Stat 1854		CFDA Number 90.100	Recipient Organization & Address Qanirtuuq, Incorporated PO BOX 69 Quinhagak, AK 99655-0069 Phone: 9075562175 Recipient DUNS # 118948306 TIN # 920046810		
Denali Commission Finance Officer Certification					
Cost Share Distribution Table					
Accounting Code	New Funding		Prior Period Funding		Total
	Denali Commission	Other Contributors	Denali Commission	Other Contributors	
95670000	\$200,000.00		\$0.00		\$200,000.00
	\$0.00		\$0.00		\$0.00
	\$0.00		\$0.00		\$0.00
	\$0.00		\$0.00		\$0.00
	\$0.00		\$0.00		\$0.00
Local Contributions		\$52,272.00		\$0.00	\$52,272.00
		\$0.00		\$0.00	\$0.00
		\$0.00		\$0.00	\$0.00
		\$0.00		\$0.00	\$0.00
		\$0.00		\$0.00	\$0.00
Total	\$200,000.00	\$52,272.00	\$0.00	\$0.00	\$252,272.00
This Financial Assistance Award approved by the Federal Co-Chair of the Denali Commission constitutes an obligation of federal funding.					
Signature of Authorized Official - Denali Commission Electronically Signed			Typed Name and Title Mr. Jay Farmwald Director of Programs		Date 10/24/2017

AWARD ATTACHMENTS

Qanirtuuq, Incorporated

01529-00

-
1. Terms and Conditions
 2. Attachment A

**Financial Assistance Award Terms and Conditions
Between the Denali Commission and Qanirtuuq Inc. for
Emergency Erosion Protection and Flood Mitigation Planning
Award No. 1529
19 September 2017**

1. Project Summary

- a. Scope of Work: Install emergency protection measures to mitigate on-going Kanektok River erosion; and, complete a hydrological and hydraulic analysis of the river in Quinhagak to advance the understanding of erosion dynamics and aid in identification of long term solutions.
- b. Deliverables:
 - Completed erosion control measures.
 - Hydrological and hydraulic analysis.
- c. Budget: The Commission is making \$ 200,000 available for the project via this Financial Assistance Award (FAA). This amount includes all direct, indirect, and pre-award costs (if any) authorized pursuant to 2 CFR 200.458. Other partners on the project include the Qanirtuuq, Inc. and the Native Village of Quinhagak, who in total are contributing an additional \$ 52,272 in labor and in-kind contributions. All Commission funding is intended to be used for the scope of work identified in this FAA only. Any funds remaining after the full scope of work has been completed shall be returned to the Denali Commission consistent with 2 CFR 200.319.
- d. Delivery Method: Study, design, and environmental services shall be procured through competitively solicited service contracts. Construction will be completed by force account utilizing local labor, equipment, and materials.
- e. Performance Period: The Period of Performance for this FAA is 30 September 2017 through 31 December 2018. In accordance with 2 CFR 200.309 Recipients can only incur obligations or costs against this FAA during the Period of Performance, unless specifically authorized in the Special Provisions (Section 14 of this document). If a project cannot be completed within the approved Period of Performance, an extension request must be made in accordance with the Commission's *Recipient Guidelines and Requirements* (RGR) document dated July 2015, available at www.denali.gov.

More detailed information on scope, deliverables, budget, funding, project delivery method and/or management plan, schedule and key milestones are included in Attachment "A" dated 19 September 2017.

2. Project Reporting and Commission Site Visits

Progress reports and a close-out report are required under this FAA. Progress Reports shall be submitted at the frequency stipulated in the Special Provisions. The Closeout Report shall be completed within 90-days of the end of the Period of Performance. All reports must be submitted using the Denali Commission's on-line Project Database System, available at www.denali.gov/dcpdb.

Commission staff or agents of the Commission may make visits to the project site and/or home office to monitor progress during and/or after the Period of Performance. The Recipient shall coordinate and make information available as necessary to facilitate any such site visits.

Refer to the *Recipient Guidelines and Requirements* document for further information related to reports and site visits.

3. Payments

Payments under this FAA will be made in accordance with 2 CFR 200.305 by electronic transfer in response to a Standard Form 270 (SF-270) "Request for Advance or Reimbursement", submitted by the Recipient. At a minimum, all 270's must include summary cost information on labor, materials, contracts/consultants, and indirect costs. Detailed documentation is required for any single expenditure greater than \$50,000. If Pre-award Costs and/or Advance Payments are authorized under this FAA, the Special Provisions will indicate so. Requests for reimbursements may be made as needed. Refer to the *Recipient Guidelines and Requirements* document for further information about submitting SF-270's.

4. Modifications

In accordance with 2 CFR 200.308, the Recipient shall report deviations in project scope, budget, delivery method, management plan, schedule, or changed site conditions, and request prior approvals from the Program Manager. The Recipient shall also submit written requests to the Program Manager for the replacement of Key Staff identified in the Special Provisions. Refer to the *Recipient Guidelines and Requirements* document for further information about modifying a Financial Assistance Award.

5. Financial Management, Record Keeping, Internal Controls, and Audits

The Recipient must have financial management and record keeping systems that are consistent with 2 CFR 200.302. If the Recipient is a State organization it must expend and account for FAA funds in accordance with applicable State laws and procedures for expending and accounting for the State's own funds.

The Recipient must establish and maintain effective internal controls with respect to this FAA that are consistent with 2 CFR 200.303.

In accordance with 2 CFR 200.501, Recipients that expend \$750,000 or more of federal funds in a year shall have a single or program-specific audit conducted for that year.

Refer to the *Recipient Guidelines and Requirements* document for further information about financial management, record keeping, internal controls and audits.

6. Direct and Indirect Costs

All direct costs must be allowable and reasonable. Indirect costs must be allocable based on accepted accounting policies and practices. Indirect costs must be specifically included as a line item or identified with appropriate notes in the approved FAA budget. Refer to 2 CFR 200 Subpart E (Cost Principles) and the *Recipient Guidelines and Requirements* document for further information on direct and indirect costs.

7. Sub-Awards and Contracts

All sub-awards and contracts issued by the Recipient under this FAA must comply with 2 CFR 200.331 and Appendix II to 2 CFR 200. Refer to the *Recipient Guidelines and Requirements* document for further information on this subject.

8. Acknowledgement of Support

The Recipient shall name the Denali Commission as a financial contributor and project/program partner in all media correspondence related to the work supported by this FAA. If Commission funds are used for construction, the Recipient shall also display a sign at the construction site that acknowledges the Commission's support. Refer to the *Recipient Guidelines and Requirements* document for further information on this subject.

9. Real and Personal Property

In accordance with 2 CFR 200.311, 313, and 316 the Denali Commission may require the Recipient to execute a security interest or other public notice of record to indicate that real or personal property acquired or improved, in whole or in part, with Federal funds is subject to a Federal interest. Any such requirements under this FAA, including post project reporting in accordance with 2 CFR 200.329, will be stipulated in the Special Provisions.

10. Conflict of Interest

In accordance with 2 CFR 200.112, the Recipient must disclose in writing any potential conflicts of interest to the Commission. In addition, 2 CFR 200.318 requires that Recipients maintain written standards of conduct covering conflicts of interest and governing the performance of their employees engaged in the selection, award, and administration of contracts. Refer to the *Recipient Guidelines and Requirements* document for further information on this subject.

11. Denali Commission Policies

Recipients may be required to comply with certain published Denali Commission policies which can be found in the *Recipient Guidelines and Requirements* document. Applicable policies are referenced in the Special Provisions of this FAA, and specific requirements/deliverables (if any) are stipulated in Appendix A.

12. Laws and Regulations

Recipients are required to comply with all applicable Federal laws and regulations. General categories of potentially applicable laws and regulations are summarized below. Refer to the *Recipient Guidelines and Requirements* document for further information on specific laws and regulations that may apply.

- a. Debarment and Suspension
- b. Whistle-blower Protection
- c. Non-Discrimination
- d. Lobbying and Propaganda
- e. Environmental
- f. Drug-Free Workplace
- g. Travel
- h. Human Rights
- i. Animal Welfare
- j. Executive Compensation

13. Other Provisions

- a. The United States expressly disclaims any and all responsibility or liability to the Recipient or sub-recipients for the actions of the Recipient or sub-recipients resulting in death, bodily injury, property damages, or any other losses resulting in any way from the performance of this FAA, including sub-awards, contracts, or sub-contracts issued in connection with this FAA.
- b. To the maximum extent practicable, considering applicable laws, the Recipient shall accomplish the project contemplated by this FAA using local Alaska firms and labor.
- c. All terms and conditions contained in this FAA apply to any sub-recipient under this FAA.
- d. Failure to comply with the provisions of this FAA or maintain satisfactory performance may result in additional FAA conditions pursuant to 2 CFR 207. This includes but is not limited to: temporarily withholding of payments pending the correction of the deficiency; disallowance of project costs; wholly or partially suspending or terminating the FAA. In addition, failure to comply with the provisions of this FAA may also have a negative impact on the Recipient's eligibility for future Federal awards.

14. Special Provisions

Progress Reports: Shall be submitted on a quarterly basis. The first reporting period is 30 September 2017 to 31 December 2017, and quarterly thereafter in accordance with the Commission's *Recipient Guidelines and Requirements*.

Pre-award Costs: N/A

Key Staff:

- Warren Jones, President, Qanirtuuq, Inc. (Project Manager)
- Crystal White, CFO, Qanirtuuq, Inc. (Project Financial Management)

Advance Payments: N/A

Federal Property Interests and Reporting Requirements: N/A

Denali Commission Policies: N/A

Bonds and Insurance: The Denali Commission shall be named as an Additional Insured on the Corporation's Liability Insurance Policy, as well as on the Liability Insurance Policy of professional services consultants and surveyors that may be retained to construct the project.

15. Program Manager, Financial Manager & Other Contact Information

Denali Commission	Qanirtuuq, Incorporated
Don Antrobus Program Manager 510 L Street, Suite 410 Anchorage, AK 99501 Phone: 907-271-3500 Fax: 907-271-1415 E-mail: dantrobus@denali.gov	Warren Jones, President Qanirtuuq, Incorporated P.O. Box 69 Quinhagak, AK 99655 Phone: 907-556-2093 Email: qanirtuuq@gmail.com
Janet Davis Grants Management Officer 510 L Street, Suite 410 Anchorage, AK 99501 Phone: 907-271-3036 Fax: 907-271-1415 E-mail: jdavis@denali.gov	Crystal White Financial Contact P.O. Box xx Quinhagak, AK 99655 Phone: 907-556-2175 Email: qanirtuuq@gmail.com

***Financial Assistance Award 1529
Between the Denali Commission and Qanirtuuq Inc. for
Emergency Erosion Protection and Flood Mitigation Planning
Attachment “A”
19 September 2017***

Scope of Work:

Background: Quinhagak is threatened by riverine erosion along the reaches of the Kanektok River that runs through the community. These erosion problems are documented in several existing reports including the following:

- 2012 State of Alaska Quinhagak Hazard Impact Assessment
- 2012 City of Quinhagak Hazard Mitigation Plan
- USDA, NRCS 10 September 2004 Trip Report

One specific area of concern is erosion along the southern end of the old airstrip. If unchecked, this erosion will threaten the only road to the community gravel source. The gravel site is an essential resource for general community maintenance. In addition, community elders are very concerned that if the river can erode through the old airstrip, it could connect with an old river channel that if reached could potentially divide the community in half.

Temporary Erosion Control: The first goal of this project is to implement emergency erosion protection measures along the river bank adjacent to the old airstrip to slow erosion until a permanent solution can be implemented. The following tasks will be performed to accomplish this goal:

- Develop typical design profiles for a sandbag-based bank protection system.
- Complete a draft Environmental Assessment (EA) for Denali Commission (Commission) review.
- Complete all permitting work associated with this scope of work.
- Construct approximately 900 linear feet of the river bank protection system along the old airstrip.

Hydrologic and Hydraulic Analysis: The second goal of this project is to attain a better understanding of river erosion dynamics along the reach of the Kanektok River near Quinhagak. An understanding of river dynamics will aid in the design of permanent protection measures for the community. The following tasks will be performed to accomplish this second goal:

- Issue a Requests for Proposal (RFP) to hire an engineering consultant to conduct the analysis.
- Conduct interviews with community Elders with local knowledge of river dynamics.
- Establish predictions for future movement of the river; and, identify threatened infrastructure.
- Develop recommendations for long term flood and erosion mitigation.
- Hold community meetings to discuss and refine recommendations.

Deliverables:

- Draft RFP for Commission review prior to solicitation.
- Completed draft EA and documentation of all necessary construction permits.
- Construction of 900 feet of river bank protection system.
- Report of hydrologic and hydraulic analysis with long term mitigation recommendations.

Budget: The budget for the proposed work is \$252,272. Of this, the Denali Commission is making available \$200,000. The balance of \$52,272 is being provided by a combination of funds from the Native Village of Quinhagak (NVK) and Qanirtuuq, Inc. and includes a combination of cash and in-kind contributions of construction equipment and gravel for construction. Together, these funds constitute a match equal to 21% of the total project budget. Additional information regarding budget and funding is included in the table on page 3.

Delivery Method: Qanirtuuq, Inc. (Corporation) will develop and issue a competitive RFP to select an engineering services company to complete the hydrologic and hydraulic analysis report and to develop the draft EA for erosion control work. The Corporation will utilize an existing contract with Herschleb Consulting, LLC to complete all other permitting requirements associated with the erosion control work.

The Corporation will perform the erosion control work via force account utilizing local labor, and locally available equipment and materials. Gravel required for the sandbagging activities will be obtained from the local quarry.

This FAA is a Cooperative Agreement between the Commission and the Corporation. The Commission will provide technical assistance in the development of the RFP for professional engineering services. The Corporation shall provide confirmation to the Commission that other contractors utilized this project, have been selected through a competitive selection process.

Schedule: Key project milestones are as delineated below.

- | | |
|--|-------------------|
| • Issue RFP | 30 November 2017 |
| • Consultant Selection Complete | 31 January 2018 |
| • Complete EA | 31 March 2018 |
| • Begin construction activities | 1 June 2018 |
| • Complete construction activities | 30 September 2018 |
| • Deliver Hydrologic and Hydraulic Analysis Report | 30 September 2018 |
| • Award Closeout | 31 December 2018 |

BUDGET AND FUNDING ¹						
Line	Item/Activity ²	Total Budget	Funding			Basis / Notes
			Denali Commission	Qanirtuuq ³	NVK ³	
1	TEMPORARY EROSION PROTECTION					
2	Local Labor					
3	Equipment Operators	\$ 8,602	\$ 8,602			34 mandays @ \$253/day
4	Laborers	\$ 5,640	\$ 5,640			24 mandays @ 235/day
5	Subtotal Local Labor	\$ 14,242	\$ 14,242	\$ -	\$ -	
6	Materials and Supplies					
7	Fuel	\$ 4,500	\$ 4,500			Lump sum estimate for equipment fuel
8	Sandbags	\$ 22,000	\$ 18,538	\$ 3,462		1,100 supersaks @ \$22/each
9	Geotextile	\$ 13,500	\$ 13,500			1,900 sq-yds @ \$7.10/sqyd
10	Gravel	\$ 5,500	\$ 2,200	\$ 3,300		1,100 cu-yds @ \$5/cu-yd
11	Subtotal Materials	\$ 45,500	\$ 38,738	\$ 6,762	\$ -	
12	Equipment					
13	Excavator	\$ 24,000	\$ 7,440	\$ 6,000	\$ 10,560	\$2000/day x 12 days
14	Bobcat	\$ 14,400	\$ -	\$ 14,400		\$1200/day x 12 days
15	Dump Truck	\$ 9,100	\$ 2,350		\$ 6,750	\$1,820/day x 5 days
16	Loader	\$ 10,600	\$ 2,800		\$ 7,800	\$2,120/day x 5 days
17	Subtotal Equipment	\$ 58,100	\$ 12,590	\$ 20,400	\$ 25,110	
18	Subcontracts					
19	Permitting and NEPA Consultant	\$ 7,960	\$ 7,960			Estimate by Herschleb Consulting, LLC
20	Subtotal Subcontract Costs	\$ 7,960	\$ 7,960	\$ -	\$ -	
21	SUBTOTAL EROSION PROTECTION	\$ 125,802	\$ 73,530	\$ 27,162	\$ 25,110	
22						
23	HYDRAULIC AND HYDROLOGIC ANALYSIS					
24	Subcontracts					
25	River Erosion Analysis Consultant	\$ 126,300	\$ 126,300			Estimate by R&M Consultants, Inc.
26	SUBTOTAL EROSION ANALYSIS	\$ 126,300	\$ 126,300	\$ -	\$ -	
27						
28	Indirect Costs ⁴					
29	Indirect Costs	\$ -	\$ -	\$ -	\$ -	(See note 4)
30	Project Totals					
31	Subtotal All Costs	\$ 252,102	\$ 199,830	\$ 27,162	\$ 25,110	
32	Funding					
33	Denali Commission Award (Rounded)		\$ 200,000			
34	Total Recipient Contributions			\$52,272		Contribution is 21% of total project budget
35	Total Project Budget	\$ 252,272				

Notes

- Budget estimates based on data provided in the Corporations Grant Proposal recieved 7 July 2017.
- Unless noted as "Subcontracts", Corporation will perform work via force account utilizing local labor.
- Matching funds provided by Qanirtuuq, Inc. and the Native Village of Quinhagak. With the exception of a cash contribution for sandbag procurement, all equipment and material contributions are in-kind contributions.
- The recipient acknowledged that no indirect costs will be paid from the Denali Commission contribution.